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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Technology Center 2600

In re application of

Docket No: Q63985

Sung-joo KIM

Appln. No.: 09/854,934

Group Art Unit: 2625

Confirmation No.: 7945

Examiner: Kanjibhai B. PATEL

Filed: May 15, 2001

For: METHOD AND APPARATUS FOR HYBRID-TYPE HIGH SPEED MOTION
ESTIMATION

RESPONSE UNDER 37 C.F.R. § 1.111

MAIL STOP AMENDMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated September 21, 2004, please reconsider the above-identified application as follows on the accompanying pages.

Claims 1-13 were examined. The Examiner has indicated that claims 3, 5, 9 and 12 contain patentable subject matter. Claims 1, 2, 4, 6-8, 10-11 and 13 are rejected under 35 U.S.C. § 102(e) as being anticipated by Chang et al. (U.S. Pat. No. 6,671,319 [hereafter "Chang"]).

Claims 1 and 6

Independent claim 1 is drawn to an adaptive motion estimation method including, *inter alia*, inputting a frame in units of macro blocks and a search area, and estimating candidate